

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/521,628
Source: IFWO
Date Processed by STIC: 8/3/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/521,628

TIME: 09:10:00

Input Set : A:\seq listing.app

Output Set: N:\CRF4\08032006\J521628.raw

3 <110> APPLICANT: Boden, Neville et al.
 5 <120> TITLE OF INVENTION: BETA SHEET TAPES RIBBONS IN TISSUE ENGINEERING
 7 <130> FILE REFERENCE: 5585-70293-01
 9 <140> CURRENT APPLICATION NUMBER: 10/521,628
 C--> 10 <141> CURRENT FILING DATE: 2005-01-13
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003016
 13 <151> PRIOR FILING DATE: 2003-07-15
 15 <150> PRIOR APPLICATION NUMBER: GB 0216286.5
 16 <151> PRIOR FILING DATE: 2002-07-15
 18 <160> NUMBER OF SEQ ID NOS: 7
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 11
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic peptide
 30 <400> SEQUENCE: 1
 32 Gln Gln Arg Gln Gln Gln Gln Gln Glu Gln Gln
 33 1 5 10
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 11
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Artificial
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Synthetic peptide
 44 <400> SEQUENCE: 2
 46 Gln Gln Arg Phe Gln Trp Gln Phe Glu Gln Gln
 47 1 5 10
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 11
 52 <212> TYPE: PRT
 53 <213> ORGANISM: Artificial
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Synthetic peptide
 58 <400> SEQUENCE: 3
 60 Gln Gln Arg Phe Glu Trp Glu Phe Glu Gln Gln
 61 1 5 10
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 11
 66 <212> TYPE: PRT
 67 <213> ORGANISM: Artificial
 69 <220> FEATURE:

Does Not Comply
Corrected Diskette Needed

pg 2-3

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Xaa can
only
represent
an amino
acid
in the
actual peptide
sequence.

70 <223> OTHER INFORMATION: Synthetic peptide
 73 <220> FEATURE:
 74 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (3)..(3)
 76 <223> OTHER INFORMATION: Xaa represents ~~a~~ ornithine amino acid side chain *OK*
 78 <220> FEATURE:
 79 <221> NAME/KEY: MISC_FEATURE
 80 <222> LOCATION: (5)..(5)
 81 <223> OTHER INFORMATION: Xaa represents ~~a~~ ornithine amino acid side chain *OK*
 83 <220> FEATURE:
 84 <221> NAME/KEY: MISC_FEATURE
 85 <222> LOCATION: (7)..(7)
 86 <223> OTHER INFORMATION: Xaa represents ~~a~~ ornithine amino acid side chain *OK*
 88 <400> SEQUENCE: 4

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 91 1 5 10
 94 <210> SEQ ID NO: 5
 95 <211> LENGTH: 11
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial
 99 <220> FEATURE:
 100 <223> OTHER INFORMATION: Synthetic peptide
 103 <220> FEATURE:
 104 <221> NAME/KEY: MISC_FEATURE
 105 <222> LOCATION: (5)..(5)
 106 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
 108 <220> FEATURE:
 109 <221> NAME/KEY: MISC_FEATURE
 110 <222> LOCATION: (7)..(7)
 111 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
 113 <400> SEQUENCE: 5

W--> 115 Gln Gln Arg Phe Xaa Trp Xaa Phe Glu Gln Gln
 116 1 5 10
 119 <210> SEQ ID NO: 6
 120 <211> LENGTH: 11
 121 <212> TYPE: PRT
 122 <213> ORGANISM: Artificial
 124 <220> FEATURE:
 125 <223> OTHER INFORMATION: Synthetic peptide
 127 <400> SEQUENCE: 6
 129 Gln Gln Glu Phe Glu Trp Glu Phe Glu Gln Gln
 130 1 5 10
 133 <210> SEQ ID NO: 7
 134 <211> LENGTH: 10
 135 <212> TYPE: PRT
 136 <213> ORGANISM: Artificial
 138 <220> FEATURE:
 139 <223> OTHER INFORMATION: Synthetic peptide
 142 <220> FEATURE:

same
error

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006

TIME: 09:10:00

Input Set : A:\seq listing.app

Output Set: N:\CRF4\08032006\J521628.raw

143 <221> NAME/KEY: MISC_FEATURE
144 <222> LOCATION: (3)..(3)
145 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
147 <220> FEATURE:
148 <221> NAME/KEY: MISC_FEATURE
149 <222> LOCATION: (5)..(5)
150 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
152 <220> FEATURE:
153 <221> NAME/KEY: MISC_FEATURE
154 <222> LOCATION: (7)..(7)
155 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
157 <220> FEATURE:
158 <221> NAME/KEY: MISC_FEATURE
159 <222> LOCATION: (9)..(9)
160 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain
162 <400> SEQUENCE: 7
W--> 164 Gln Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln
165 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006
TIME: 09:10:01

Input Set : A:\seq listing.app
Output Set: N:\CRF4\08032006\J521628.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. ~~3,5,7~~
Seq#:5; Xaa Pos. ~~5,7~~
Seq#:7; Xaa Pos. ~~3,5,7,9~~

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006

TIME: 09:10:01

Input Set : A:\seq listing.app

Output Set: N:\CRF4\08032006\J521628.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0